

## PATENT ABSTRACTS OF JAPAN

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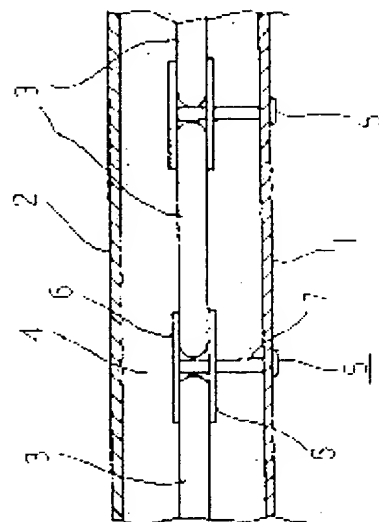
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## (54) INSULATED BOX OF REFRIGERATOR AND THE LIKE

## (57)Abstract:

PURPOSE: To simplify the work for mounting each vacuum insulation plate and improve the strength of an insulated box by supporting a vacuum insulation plate between supporting plates of a fixing device and filling between an inner and outer boxes with foaming insulation material.

CONSTITUTION: A fixing device 5 consists of two pieces of supporting plates 6, parallel to the walls of an inner box 1 and an outer box 2, for holding therebetween the adjacent ends of vacuum insulation plates 3 and a supporting rod 7, fixed perpendicular to the box 1, which is provided at its end with said plates 6. The respective fixing devices 5 are provided between the walls of the boxes 1, 2 at a plurality of intervals. The ends of the adjacent plates 3 are inserted into each one of the devices 5 to form a continuous vacuum insulation wall parallel outside the inner box 1, which are inserted into the outer box 2. Thereafter, a foaming insulation material 4 is filled into the space between the boxes 1, 2 to form an insulated box for a refrigerator, etc.



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